

Appl. No.10/523,744  
Amdt. Dated February 1, 2010  
Reply to Office action of November 4, 2009

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An adapter connectable with an automatic syringe pump for a hand-held syringe and a hand-held syringe, the syringe including an elongate syringe body containing contents to be dispensed, said adapter comprising a syringe driver for rotating the syringe body; an adapter body receivable by the syringe pump; a syringe retainer for retaining a hand-held syringe; an elongate guide piston, wherein said adapter body defines a guide piston opening and an elongate guide piston passageway in communication with said guide piston opening for slideably receiving said guide piston moving between a first and a second position; an extension arm supported by said guide piston, said extension arm including a free end in movable spaced registry with said syringe retainer; a dispense rod supported by said extension arm, said dispense rod engaging a dispensing member of the hand-held syringe so as to cause the contents to be dispensed as said dispense rod is moved relative to said syringe retainer, wherein said dispense rod is rotateably mounted to said extension arm so as to enable said dispense rod to rotate with the hand-held syringe.
2. (Currently amended) An adapter as claimed in claim 1, wherein said ~~adapter comprises~~ ~~an~~ adapter body is receivable by a syringe-receiving-unit of the syringe pump.
3. (Cancelled).

Appl. No.10/523,744

Amdt. Dated February 1, 2010

Reply to Office action of November 4, 2009

4. (Currently amended) An adapter as claimed in claim 1,3 wherein said adapter body further comprises an elongate cylindrically shaped portion receivable in the syringe pump.
5. (Currently amended) An adapter according to claim 1,3, wherein said syringe retainer further comprises an annular syringe ring defining an insertion aperture for engaging and retaining a hand-held syringe.
6. (Previously presented) An adapter according to claim 5, wherein said syringe retainer engages at least one flange transversely projecting from the hand-held syringe.
7. (Previously presented) An adapter according to claim 5, wherein said syringe driver further comprises a motor and drive means for urging said syringe ring to rotate about said insertion aperture.
8. (Original) An adapter according to claim 7, wherein said drive means further comprises a drive belt engaging a moving portion of said motor and said syringe ring.
9. (Previously presented) An adapter according to claim 5 wherein said syringe driver causes said syringe ring to reciprocally rotate about said insertion aperture.
10. (Previously presented) An adapter as claimed in claim 1, further comprising a portion being sized and shaped so as to be recognizable by a size-reading unit of the syringe pump.
11. (Currently amended) An adapter according to claim 1,3, further comprising a syringe holding arm, wherein said syringe retainer is positioned towards a free end of said syringe holding arm.
12. (Cancelled).

13. (Cancelled).

14. (Cancelled).

15. (Cancelled).

16. (Currently amended) An adapter according to claim 13, wherein said syringe retainer is offset from said adapter body.

17. (Previously presented) An adapter of claim 1, adapted to connect to a hand-held syringe such that the adapter body and the hand-held syringe are positioned substantially in parallel.

18. (Cancelled)

19. (Previously presented) Apparatus for administration of an injectable liquid comprising an automatic syringe pump, a syringe and an adapter as claimed in claim 1.

20. (Previously presented) A method of administration of an injectable liquid comprising the steps of positioning an apparatus as claimed in claim 19 in the place of a syringe on a syringe pump and administering the liquid from the syringe while the adapter body rotates the syringe.

21. (Cancelled)